



California State Fire Marshal
National Fire Incident Reporting System

Data as of: 07/01/2009 1:23:21PM

FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2008 to 12/31/2008

Incident Type:
111 to No Upper Bound

Detector Effectiveness:
1 to No Upper Bound

Detection System Effectiveness

<u>Incident Year</u>	<u>Detector Effectiveness</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2008									
		Alerted Occupants							
		Combination smoke - heat	105	\$6,560,153	\$1,835,117	3	0	1	1
		Heat	19	\$23,650	\$64,700	0	0	1	0
		More than 1 type present	63	\$8,915,700	\$797,481	4	0	1	0
		Other	22	\$1,335,700	\$331,550	0	0	0	0
		Smoke	1,601	\$46,133,705	\$16,430,042	15	0	69	1
		Sprinkler, water flow detection	92	\$1,454,600	\$1,245,500	0	0	2	1
		Undetermined	87	\$3,056,929	\$1,603,985	2	0	0	2
		Subtotal	1,989	\$67,480,437	\$22,308,375	24	0	74	5
		Failed to alert occupants							
		Combination smoke - heat	3	\$1,500	\$1,000	0	0	0	0
		More than 1 type present	2	\$10,000	\$2,000	0	0	0	0
		Smoke	66	\$4,903,150	\$1,375,140	2	0	5	1
		Sprinkler, water flow detection	2	\$150	\$5,001	0	0	0	0
		Undetermined	5	\$116,000	\$46,500	0	0	0	0
		Subtotal	78	\$5,030,800	\$1,429,641	2	0	5	1
		No occupants							
		Combination smoke - heat	26	\$2,236,260	\$631,680	0	0	0	0
		Heat	4	\$50,000	\$57,000	0	0	0	0
		More than 1 type present	16	\$2,006,900	\$132,200	0	0	1	0
		Other	6	\$90,001	\$61,001	0	0	0	0
		Smoke	377	\$15,525,458	\$6,365,859	9	0	7	0
		Sprinkler, water flow detection	39	\$761,300	\$1,287,610	1	0	1	0
		Undetermined	22	\$3,530,550	\$1,387,502	2	0	0	0
		Subtotal	490	\$24,200,469	\$9,922,852	12	0	9	0

Detection System Effectiveness

<u>Incident Year</u>	<u>Detector Effectiveness</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
Occupants failed to respond									
		Combination smoke - heat	8	\$4,261,010	\$609,002	1	0	0	0
		Heat	2	\$100	\$10	0	0	0	0
		More than 1 type present	3	\$1,200	\$1,300	0	0	0	0
		Other	1	\$25,000	\$5,000	0	0	0	0
		Smoke	57	\$1,772,570	\$565,906	3	0	5	0
		Sprinkler, water flow detection	4	\$18,050	\$5,000	0	0	0	0
		Undetermined	3	\$760,000	\$1,001,000	0	0	0	0
		Subtotal	78	\$6,837,930	\$2,187,218	4	0	5	0
Undetermined									
		Combination smoke - heat	5	\$1,431,000	\$290,500	0	0	0	0
		Heat	2	\$100	\$100	0	0	0	0
		More than 1 type present	4	\$4,000	\$22,100	0	0	0	0
		Smoke	154	\$6,775,067	\$2,093,322	1	0	21	0
		Sprinkler, water flow detection	7	\$66,501	\$339,000	0	0	0	0
		Undetermined	15	\$821,800	\$321,151	0	0	0	0
		Subtotal	187	\$9,098,468	\$3,066,173	1	0	21	0
2008	Total		2,822	\$112,648,104	\$38,914,259	43	0	114	6
	Grand Total		2,822	\$112,648,104	\$38,914,259	43	0	114	6

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.